

Ship Today
12/04

Work Order ID 150433

150433

Page 1

Wednesday, August 24, 2016 11:56:14 AM

Item ID: D4092-041 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Maintenance Step Assembly
Start Date: 8/22/2016 Start Qty: 2.00 *2* Cust Item ID:
Required Date: 8/24/2016 Req'd Qty: 2.00 *2* Customer:
Reference:

Approvals: Process Plan: DAS 21 9-89 Date: AUG 24 2016 Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4092	C

100 Pick Kit 0.00

100

Packaging Memo 0.00

Packaging

6

DAS
6
9-89

OCT 04 2016

110 0.00

110

Small Fab Memo 0.13

Small Fab

Assemble as per Dwg
Torque screws up to 15-25 in- lbs

6x

DAS
36
9-89
16/10/04

120 QC5- Inspect part completeness to step on W/O 0.00

120

QC Memo 0.01

Quality Control

6

DAS
38
9-89

OCT 05 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective : 100				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition 300					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified ☐	☐	Past Due	☐				

Wednesday, August 24, 2016 11:56:14 AM

Page 2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>pk</u>	0.00							
130							DAS		
Packaging	Memo	0.00					6		
Packaging					OCT 04 2016		9-89		
140	QC21- Final Inspection - Work Order Release	0.00							
140							DAS		
QC	Memo	0.03					21	OCT 04 2016	
Quality Control							9-89		
							DAS		
							21	OCT 04 2016	
							9-89		

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Description Work Order Deviation		Disposition			
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Wednesday, August 24, 2016 11:56:13 AM

Page 1

Work Order ID: 150433

150433

Parent Item: D4092-041

D4092-041

Parent Item Name: Maintenance Step Assembly

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 10-06-01 JLM VERIFIED BY:DD IPP
REV:B AS PER ECN 11-639 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4092-1 *D4092-1* Maintenance Step		Manufactured	No			100	Each	17.0000	2	4 10 150849		OCT 04 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST450				17					
				141433				1					
				144611				16					
D4093-1 *D4093-1* Bracket		Manufactured	No			100	Each	12.0000	1	2 b		OCT 04 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST449				12					
				142175				12					
D4093-3 *D4093-3* Bracket		Manufactured	No			100	Each	5.0000	1	2 b 150853		OCT 04 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST449				5					
				141786				1					
				142841				4					
D4093-5 *D4093-5* Bracket		Manufactured	No			100	Each	10.0000	2	4 12 150600 kb 150854 v4 150160 X2		OCT 04 2016	DAS 6 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST078				10					
				141426				2					
				142819				8					

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

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Wednesday, August 24, 2016 11:56:13 AM

Page 2

Work Order ID: 150433

150433

Parent Item: D4092-041

D4092-041

Parent Item Name: Maintenance Step Assembly

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 2.00

Required Qty: 2.00

MS24694-S54

Purchased

No

100

Each

90.0000

2

MS24694-S54

SCREW

**

4/2
135672

OCT 0 4 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

over006

50

m134851

50

ST284

40

m135274

40

MS24694-S55

Purchased

No

100

Each

204.0000

8

MS24694-S55

Screw

**

16-48

OCT 0 4 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

ST283

204

m134376

104

m135408

100

MS24694-S56

Purchased

No

100

Each

40.0000

2

MS24694-S56

SCREW

**

48
4 1/2

OCT 0 4 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

ST283

40

m132344

40

1/2

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Page 3

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150433

Parent Item: D4092-041

D4092-041

Parent Item Name: Maintenance Step Assembly

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0332J

Purchased

No

100

Each

1,122.000

12

24 72

OCT 04 2016

DAS
6
9-89

NAS1149D0332.J

Washer

**

135566

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

522

m134848

522

GA

463

m135046

463

ST264

131

m135046

131

MS21042L3

Purchased

No

100

Each

1,576.000

12

24 72

OCT 04 2016

DAS
6
9-89

MS21042L3

Nut

**

135600

Location

Loc Qty

Loc Code

FP001

14

m133790

14

GA

531

m134360

112

m135135

419

ST303

1031

m134039

12

m135056

7

m135135

412

m135407

600

12

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					